

IAP15 Rec'd PCT/PTO 28 DEC 2005

PATENT

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s): Jan ERIKSON et al.
Int'l Application No.: PCT/SE2004/000773
Application No.: **NEW APPLICATION**
Filed: December 28, 2005
For: REMOTE CONTROL

LETTER

Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314
Mail Stop PCT

December 28, 2005

Sir:

Amended claims are attached hereto (which correspond to Article 34 amendments or to claims attached to the International Preliminary Examination Report), as required by 35 U.S.C. § 371(c)(3). The Article 34 amended claims are incorporated in the included substitute specification and Preliminary Amendment.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

By: 

John A. Castellano, Reg. No. 35,094

P.O. Box 8910
Reston, Virginia 20195
(703) 668-8000

JAC:dpg

Amended Claims

1. A method for remote supervision of an automatic milking system (1) being adapted to handle animals and comprising at least one milking station (2) and computer means characterised in that said method comprises the steps of

obtaining information about said milking station (2) and/or said animals from said computer means,

creating web-documents containing the obtained information about said milking station (2) and/or animals,

establishing a connection between the automatic milking system (1) and a mobile communication unit (8), and

transmitting created web-documents to the communication unit (8), and

customizing said web-documents to the mobile communication unit (8) before transmitting it to the mobile communication unit (8), and

that the computer means in said automatic milking system (1) receives specific instructions from the communication unit (8) input by a user of the communication unit (8) by means of a user interface, whereby settings of said milking station (2) can be remote manipulated by means of said communication unit (8).

2. The method as claimed in claim 1, characterized in that said step of creating a web-document comprises using a web-server (10) including a program for creating web-documents.

3. The method as claimed in claim 1 or 2, characterized in that the step of customizing web-documents consists in one or more of the following steps: sending only requested information, sending only predetermined information, sending information in dependence on the capacity of the communication unit (8).

4. The method as claimed in any of the preceding claims characterized in the further step of receiving input(s) from the communication unit (8).

5 5. The method as claimed in any of the preceding claims characterized in that the establishment of a connection between the automatic milking system (1) and the communication unit (8) is initiated either from the communication unit (8) or the automatic milking system (1).

10 6. The method as claimed in claim 5, characterised in that the connection between the automatic milking system (1) and the communication unit (8) is established upon the occurrence of a certain event.

15 7. The method as claimed in any of the preceding claims characterized in that said mobile communication unit (8) is selected to be any of the group: laptop computer, PDA or mobile telephone (8).

20 8. The method as claimed in any of the preceding claims, characterized in that said computer means comprises two or more computers handling different functions in the automatic milking system (1).

25 9. The method as claimed in claim 8, characterized in that a first computer comprises a database including information about the herd being handled by the automatic milking system (1), and another computer handles the functions of the automatic milking system (1).

30 10. The method as claimed in any of the preceding claims, characterized in that said automatic milking system (1) includes at least one camera (11) for enabling the sending of images of the at least one milking station (2) and/or animals to a communication unit (8).

11. A system for remote supervision of an automatic milking system (1) being adapted to handle animals and comprising at least one milking station (2) and computer means characterised in that the system includes means (10) for creating web-
5 documents containing information about said milking station (2) and/or said animals obtained from said computer means, means for establishing a connection between the automatic milking system (1) and a mobile communication unit (8), and means (10, 6) for transmitting created web-documents to a com-
10 munication unit (8), and means for customizing said web-documents to the mobile communication unit (8) before transmitting a created web-document to the mobile communication unit (8), and the computer means in said automatic milking system (1) receives specific instructions from the communica-
15 tion unit (8) input by a user of the communication unit (8) by means of a user interface, whereby settings of said milking station (2) can be remote manipulated by means of said communication unit (8)..

20 12. The system as claimed in claim 11, characterized in that said means (10) for creating a web-document comprises a web-server including a program for creating web-documents.

25 13. The system as claimed in claim 12, characterized in that the means for customizing comprises means for performing one or more of the following: sending only requested information, sending only predetermined information, sending information in dependence on the capacity of the communication unit (8).

14. The system as claimed in any of claims 11-13, characterized in that said mobile communication unit (8) is any of the group: laptop computer, PDA or mobile telephone (8).

30 15. The system as claimed in any of claims 11-14, characterized in that said computer means comprises two or more com-

puters handling different functions in the automatic milking system (1).

16. The system as claimed in claim 15, characterized in that a first computer comprises a database including information about the herd being handled by the automatic milking system (1), and another computer handles the functions of the automatic milking system (1).

17. The system as claimed in any of claims 11-16, characterized in that said system includes a camera (11) for enabling the sending of images of the at least one milking station (2) and/or animals to a communication unit (8).

18. The system as claimed in any claims 11-17, characterized in that the system includes means for establishing the connection between the automatic milking system (1) and the communication unit (8) upon a certain event.

19. The system as claimed in claim 18 characterized in that the establishment of a connection is initiated either from the communication unit (8) or the automatic milking system (1).

20. The system as claimed in any of claims 18-19, characterized in that the connection between a communication unit (8) and the milking station (2) is a wide band connection such as fibre, satellite, (V)LAN, radio or ADSL.

21. The system as claimed in any of claims 11-20, characterized in that the system includes means for receiving input being sent from the communication unit (8).